

AMENDMENTS TO THE ABSTRACT

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Abstract

A γ 1A converter circuit 1a and a γ 2A converter circuit 2a to a γ 1C converter circuit 1c and a γ 2C converter circuit 2c. Gamma converter circuits use first to third types of first and second γ gamma-characteristics to γ gamma-convert an input video signal IS. Selectors 3 to 5 select one pair among three pairs of gamma-characteristics in accordance with a transmittance to be used for display, and selects one of the six gamma-corrected outputs such that both a distribution area ratio of pixels driven by the video signal as γ gamma corrected by use of the first gamma-characteristic of the selected pair of gamma γ -characteristics and a distribution area ratio of pixels driven by the video signal as γ corrected by use of the second gamma γ -characteristic of the selected pair of gamma-characteristics are equal to a distribution area ratio specified in advance for the selected pair of gamma-characteristics.